

CHERNIYEV, L., dotsent

Quartz clocks. Mor. flot 22 no.8:34 Ag '62. (MIRA 15:7)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.
(Clocks, Electric)

CHERNYEV, L. F.

Occultations

Observation of lunar occultations of stars at the Odessa Astronomical
Observatory. Astron. tsir. no. 129, 1952

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

CHERNIYEV, L. F.

"Catalog of Declinations of 125 Circumpolar Stars at the Time of 1950.0
Equinox"

Izv. Astron. Observ. Odesskogo Univ., No 3, 1953, pp 123-162

A catalog of declinations from observations by the author on the meridian circle of the Odessa observatory in 1950-1951 of stars observed in Pulkovo at the end of the century by M. Dichenko and in the twenties by I. Dyukov in Odessa. A detained description of the instrument and of methods applied is given. (RZhAstr, No 11, 1954)

SO: W-31187, 8 Mar 55

CHERNYEV, L.F.; NOVOPASHENNY, B.V.

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Observations of lunar occultations of stars at the Odessa Astronomical
Observatory of the Mechnikov State University in Odessa. Astron.tsir.
no.146:15 F '54. (MLRA 7:6)

1. Odesskaya Astronomicheskaya Observatoriya. (Occultations)

CHERNIYEV, I.F.

Observations of lunar occultations of stars at the Odessa
Astronomical Observatory of Mechnikov State University at
Odessa. Astron.tsir. no.158:24 Ap '55. (MLRA 8:9)

1. Odesskoye vyssheye morekhodnoye uchilishche
(Occultations)

CHERNIYEV, L.F.

Observations of occultations at the Odessa Astronomical Observatory
of the Mechnikov State University. Astron.tsir. no.162:13 Ag '55.
(MLRA 9:5)

1. Odesskoye vyssheye morekhodnoye uchilishche, Kafedra
sudovozhdeniya.

(Occultations)

CHERNIYEV, L.F.

~~SECRET~~
Catalog of declinations of 67 stars of the new latitude program
for the zenith telescope of the Poltava Observatory for Gravity
Measurement. Trudy Polt. grav. obser. 7:90-110 '58.
(Stars--Catalogs) (MIRA 11:10)

ANDRONOV, Leonid Petrovich, dotsent, kand.tekhn.nauk; BOL'SHAKOV, Vladimir Sergeyevich, dotsent, kand.geogr.nauk; YERMOLAYEV, German Grigor'yevich, dotsent, kand.fiz.-matem.nauk; ZOTYEV, Yevgeniy Stepanovich, kand.fiz.-matem.nauk; KIRIN, Yuriy Pavlovich, starshiy prepodavatel'; CHERNIYEV, Leonid Fedorovich, dotsent, kand.fiz.-matem.nauk; GRISHIN, Yu.A., spetsred.; SERKO, G.S., red.; TIKHONOVA, Ye.A., tekhn.red.

[Handling of seagoing vessels] Morskoe sudovozhdenie. Moskva, Izd-vo "Morskoi transport," 1959. 381 p. (MIRA 13:2)
(Ship handling)

CHERNIYEV, L.F.

Catalog of declinations of 64 stars of the zenith-telescope program
of the Engel'gardt Astronomical Observatory in Kazan. Biul.Kaz.
astron.obser. no.34:3-28 '59. (MIRA 14:3)
(Stars--Catalogs)

KRASAVTSEV, Boris Ivanovich, dotsent; KHLIUSTIN, Boris Pavlovich
[deceased]; CHERNIYEV, L.F., dotsent, retsenzent; RYBALTOVSKIY,
N.Yu., prof., red.; FRISHMAN, Z.S., red.izd-va; KOTLYAKOVA,
O.I., tekhn.red.

[Nautical astronomy] Morekhodnais astronomia. Leningrad,
Izd-vo "Morskoi transport," 1960. 492 p. (MIRA 14:2)
(Nautical astronomy)

CHERNIYEV, L.F. [Cherniev, L.F.], kand.fiz.-matem.nauk, dotsent (Odessa)

Man's companion. Nauka i zhyttia 10 no. 10:49-51 0 '60.

(Calendar)

(MIRA 14:4)

CHEERNIYEV, L.F.

Determining declinations of stars of the new latitude program
for Pulkovo zenith telescope on the meridian circle of the
Odessa Astronomical Observatory. Izv. GAO 22 no. 1:123-128
'60.

(MIRA 13:12)

(Stars--Observations)

CHERNIYEV, Leonid Fedorovich; STUPAKOVA, L.A., red.; TIKHONOVA,
Ye.A., tekhn. red.

[Time service on seagoing ships] Sluzhba vremeni na morskikh
sudakh. Moskva, Izd-vo "Morskoi transport," 1963. 54 p.

(MIRA 16:5)

(Merchant ships) (Time measurements)

RYBALTOVSKIY, Nikolay Yul'yevich; ~~CHERNIYEV, L.F.~~, kand. fiz.-mat.
nauk, retsenzent; ~~FRIISHMAN, Z.S.~~, red.

[Practical nautical astronomy] Prakticheskaya morekhodnaya
astronomiya. Moskva, izd-vo "Transport," 1964. 124 p.
(MIRA 17:7)

CHERNIYEV, Leonid Fedorovich, dots.; KIRIN, Yuriy Pavlovich;
KONDRASHIKHIN, Vladimir Timofeyevich; AKSEUTIN, Leonid
Radionovich; RUSANOV, Valentin Mikhaylovich; YEMOLAYEV,
German Grigor'evich; ANAN'IN, V. I., red.

[Collection of problems in nautical astronomy] Zadachnik
po morekhodnoi astronomii. Moskva, Transport, 1964. 328 p.
(MIRA 18:5)

ANDRONOV, L.P., kand. tekhn. nauk, dots.; BOL'SHAKOV, V.S., kand.
geogr. nauk, dots.; YERMOLAYEV, G.G., kand. fiz.-mat.
nauk; KIRIN, Yu.P., st. prepod.; CHERNIYEV, L.F., kand.
fiz.-mat. nauk, dots.; ZOTEYEV, Ye.S., ~~kand. fiz.-mat. nauk~~;
SERKO, G.S., red.
[Sea navigation] Morskoe sudovozhdenie. Izd. 2., perer.
Moskva, Transport, 1964. 454 p. (MIRA 17:12)

CHERNIYEV, L.F., dotsent, kand. fiziko-matematicheskikh nauk

Experimental deduction of the accuracy of determining a ship's position by the stars. Sudovozhdenie no.4:64-66 '64.

(MIRA 18:3)

1. Kafedra sudovozhdeniya Odesskogo vysshego inzhenernogo morskogo uchilishcha.

CHERNIYEV, L.F., kand. fiziko-matematicheskikh nauk; TOPALOV, V.P.

Accuracy of astronomical determination of gyrocompass
adjustment by the sun. Inform. sbor. TSNIIMF no.74: Sudovozh.
i sviaz' no.19:71-79 '62. (MIRA 16:6)

L 24258-66 EWT(m)/EWP(j)/T WW/RM

ACC NR: AP6007834

SOURCE CODE: UR/0120/66/000/001/0183/0190

AUTHORS: Chernobay, A. V.; Pimakhov, A. S.; Nagornaya, L. L.;
Kolesnikov, L. N.

34
B

ORG: VNII of Single Crystals, Khar'kov (VNII monokristallov)

TITLE: Plastic scintillators with increased heat endurance

SOURCE: Pribery 1 tekhnika eksperimenta, no. 1, 1966, 188-190

TOPIC TAGS: scintillator, heat resistant plastic, block copolymer, styrene, benzene

ABSTRACT: The article describes a method of preparing plastic scintillators with heat endurance up to 110C, based on co-polymers of styrene with divinyl benzene with different classes of luminors. The plastic scintillators were produced by block polymerization in glass ampoules in an atmosphere of nitrogen. The scintillation efficiency was measured with a photomultiplier in response to excitation

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UDC: 535.373.12

L 24258-66

ACC NR: AP6007834

to gamma rays from Co⁶⁰, relative to a polystyrene block with p-terphenyl (2%) + POPOP (0.1%). The Wick method was used to test for heat endurance. An investigation of heat-induced aging of the scintillators has shown that the most stable against aging are 'joined' plastic scintillators with 1, 1, 4, 4-terphenyl-butadiene-1, 3; 1- α -naphthyl, 2- β -naphthyl ethylene, and 2-(4-biphenyl), 5-(α -naphthyl), oxazole-1, 3. In all cases, heating the plastic scintillators reduces the scintillation efficiency appreciably. It is concluded that joining together the polymerizing base of the scintillator by means of divinyl benzene increases the heat endurance of the scintillator. Orig. art. has: 2 tables.

SUB CODE: 20// SUBM DATE: 06Feb65/ ORIG REF: 003/

Card

2/2 dda

L. ALPHEL

ATOMIC ENERGY

AND PLASMA PHYSICS
IN THE USSR
the results." This report was presented
for the first time in the literature.

AND PLASMA PHYSICS
UNITED STATES OF AMERICA
Metal Research and Metal Physics of
Fermi's Metallurgy, Moskvisky Instit
and Alloys

SUBMITTED BY N. N. ALPHEL

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NO. 111, 112, 113

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1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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Total Weight

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Card 3 73

CHERNIZER, G.M.

Dynamic friction force of dislocation from impurities. Edge
dislocation. Izv. vys. ucheb. zav.; chern. met. 8 no.9:
146-150 '65. (MIRA 18:9)

1. Moskovskiy institut stali i splavov.

CHERNIZER, G.M.

Friction forces of a moving dislocation. Izv. vys. ucheb.
zav.; chern. met. 8 no.11:117-120 '65. (MIRA 18:11)

1. Moskovskiy institut stali i splavov.

L 15387-66 EWT(d)/EWT(1)/EWP(v)/T/EWP(k)/EWP(h)/EWP(1) IJP(c) GG
ACC NR: AP5026985 SOURCE CODE: UR/0020/65/164/005/1037/1040

AUTHOR: Lyubov, B. Ya.; Chernizer, G. M. 47

ORG: Institute of Metallurgy and the Physics of Metals Central Scientific-Research
Institute of Ferrous Metallurgy, im. I. P. Bardin (Institut metallovedeniya i fiziki metalloy
Tsentral'nogo nauchno-issledovatel'skogo instituta chernoy metallurgii); Moscow Institute
of Steels and Alloys (Moskovskiy Institut stali i splavov) B

TITLE: The interaction between a uniformly moving boundary dislocation and admixture
atoms in anisotropic face-centered cubic crystals 21, 111, 55

SOURCE: AN SSSR. Doklady, v. 164, no. 5, 1965, 1037-1040

TOPIC TAGS: crystal lattice dislocation, single crystal, crystal defect, crystal lattice
energy

ABSTRACT: Starting from the atomistic approximation of the discontinuum, the authors
investigate theoretically an infinite single crystal containing a single unit linear dislocation
and a foreign atom. The principle of superposition for displacements is valid in the entire
volume, except for the region of the nucleus with the singularity around the dislocation axis.

Card 1/2

UDC: 539.2.214

L 15387-66
ACC NR: AP5026985

The establishment of a general expression for the energy contribution is followed by a discussion of certain special cases (which reduce to cases known from scientific literature), and by the application of the theory to the particular case of an infinite single crystal with face-centered cubic lattice representing a solid substitution solution of noninteracting admixutre atoms of low concentration. Results are not compared with the existing data. The paper was presented by Academician G. V. Kurdyumov, 27 May 65. Orig. art. has: 18 formulas.

SUB CODE: 11, 20 / SUBM DATE: 19May65 / ORIG REF: 005 / OTH REF: 005

JS
Card 2/2

CHERNIZOV, O. M.

"On Mesoderivatives of Acridine. XVI. On 9-Methoxy-9-Hydroxy-9, 10-Dihydroacridines and 9,9-Diphenoxy-9, 10-Dihydroacridines.", Drozdov, N. S., and Chernizov, O. M. (p. 181)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1944, Volume 14, no. 3.

CHERNKES'YAN, O. Ye.

Chernkes'yan, O. Ye. and Atarov, T. S. "The work of the women's dispensaries in Rostov-on-Don in the fight against gonorrhea during 1943-46" (Authors' summary of the paper), Sbornik nauch. trudov (Rost. obl. nauch.-issled, akushersko-ginekologicheskoy in-t), Issue 8, 1948, p. 218-19.

So: U-3261, 10 April 1953 (Letopis 'Zhurnal 'nykh Statey, No. 12, 1949).

CHERNO, A.I.

Our experience in the safety education of workers.
Bezop.truda v prom. 4 no.8:30 Ag '60.
(MIRA 13:8)

1. Starshiy master proizvodstvennogo obucheniya Gornopromy-
shlennoy shkoly No.6, Tul'skaya oblast.
(Safety education, Industrial)

9(8)

SOV/178-58-7-15/24

AUTHOR: Chernobab, A., Engineer-Lieutenant Colonel

TITLE: The Basic Characteristics of Automatic Frequency Control
(Osnovnyye kharakteristiki avtomaticheskoy podstroyki
chastoty)

PERIODICAL: Voyenny svyazist, 1958, Nr 7, pp 34 - 38 (USSR)

ABSTRACT: Military ultrashort-wave receivers have automatic frequency control which keeps the heterodyne frequency tuned to the transmitter frequency. However, the automatic frequency control works reliably only with proper tuning of the discriminator network and the IF stages. In a number of receivers the discriminator and the IF stage are not correctly tuned, and in this case the automatic frequency control may lead to a complete interruption of reception. The permissible detuning of the discriminator is

Card 1/2 ± 1 kc (± 2 v). The author explains in detail the theory of

SOV/178-58-7-15/24

The Basic Characteristics of Automatic Frequency Control

automatic frequency control and gives some hints for performing adjustments, using the tube voltmeters of the KVOM and IK-1 sets and a standard signal generator. There are 3 graphs and 1 block diagram.

Card 2/2

DAVANKOV, A.B.; LAUFER, V.M.; RAKITIN, S.V.; LEVIAN, L.G.; CHERNOBAY,
A.I.

Recovery of noble metals by anion-exchange resins from waste
and industrial solutions of electrolytic copper plants. Izv.
vys.ucheb.zav.; tsvet.met. 2 no.6:134-141 '59.
(MIRA 13:4)

1. Moskovskiy khimiko-tekhnologicheskii institut. Kafedra
tekhnologii plastmass.

(Copper industry--By-products) (Ion exchange)
(Precious metals--Metallurgy)

POLOUKAROV, A.N., KUPCHENKO, M.M.: Prinimali uchastie: CHERNOBAY, A.I.;
MALYSHEVA, F.I.; ZHDANOVICH, Yu.V.; KOKAREV, A.V.; KOLTISHEV, D.I.

Tellurium recovery from copper-electrolysis slime into sodium
slag. TSvet. met. 33 no.8:56-57 Ag '60. (MIRA 13:8)

(Copper--Electrometallurgy)
(Tellurium)

CHERNOBAY, A.V.; SHEPELEVA, A.I.; ZUBKOVA, V.S.; Prinimali uchastiye:
DELYATITSKAYA, R.Ya., KATMISSKAYA, E.V.; BOBRYSEVA, A.M.

Spectrophotometric study of N-vinylcarbazole and methyl methacrylate
copolymers. Vysokom. soed. 7 no.6:1080-1084 Je '65. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov,
stsintillyatsionnykh materialov i osobo chistykh khimicheskikh
veshchestv.

YUKHNOVSKIY, G.L.; PRILUTSKAYA, N.V.; ~~CHEKHOVAY~~, A.V.

Copolymerization of cyclopentadiene with vegetable oils.
Zhur. prikl. khim. 31 no.7:1091-1100 J1 '58. (MIRA 11:9)
(Polymerization) (Cyclopentadiene) (Oils and fats)

CHERNOBAY, A. V. Cand Tech Sci -- (diss) "Polymers of cyclopentadiene and its copolymers with vegetable oils." Khar'kov, 1959. 15 pp (Min of Higher and Specialized Secondary Education UkSSR. Khar'kov Polytechnic Inst im V. I. Lenin), 120 copies (KL, 43-59, 125)

1 13615-66 EWI(m)/EWP(v)/EWP(j)/I/ETC(m) WW/RM
 ACC NR: AP6000958 (A) SOURCE CODE: UR/0286/65/000/022/0042/0042
 AUTHORS: Chernobay, A. V.; Gunder, O. A.; Pimakhov, A. S. 36
 ORG: none B
 TITLE: A method for cementing optical elements. Class 22, No. 176346 [announced by
 All-Union Scientific Research Institute of Single Crystals (Vsesoyuznyy nauchno-
 issledovatel'skiy institut monokristallov)]
 SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 42
 TOPIC TAGS: polymer, adhesive, optical element, cross linking agent, copolymerization,
 styrol
 ABSTRACT: This Author Certificate presents a method for cementing optical elements
 with adhesives based on polymer materials. To increase the opticothermal stability
 of the cemented joints, a copolymer of styrol and citraconic anhydride with a cross-
 linking agent is used as the adhesive. Dimethacrylate of ethylene glycol may be
 employed as the cross-linking agent.
 SUB CODE: 13,07 SUBM DATE: 02Jan64
 Cord 1/1 HW
 UDC: 621.792:678.746.22:547.462.3

5(3)

AUTHORS: Yukhnovskiy, G. L., Chernobay, A.V. SOV/153-2-1-18/25

TITLE: Polymerization of Cyclopentadiene (Polimerizatsiya tsiklopentadiyena)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1959, Vol 2, Nr 1, pp 96-101 (USSR)

ABSTRACT: Cyclopentadiene (CPD) is not a very serviceable waste product of the coke plants of chemical industry. Due to two conjugated double bonds it has a high polymerization activity (Refs 1-5). Its polymer may be used as an underlying substance for varnishes. It can be polymerized both by the thermal and the catalytic method (see diagrams). In the air the polymer absorbs up to 20 wt% of oxygen and forms a powder with the total formula $(C_5H_6O)_n$. Polycyclopentadiene can be vulcanized in chloroform by sulphur sesquichloride. A brown, glassy, insoluble mass is produced by hydrogenation. There are only few data available of these processes. In this article the authors try to explain the possibilities of utilizing film-forming substances. In the experimental part they dealt with the a c t i o n o f t h e

Card 1/3

Polymerization of Cyclopentadiene

SOV/153-2-1-18/25

type of catalyst (Fig 1) on the transformation of CPD, the quantity of the catalyst, its concentration and that of the monomer (Fig 2), the action of the solvent (Fig 3), the properties of polycyclopentadiene, and finally the stabilization of polycyclopentadiene solutions. Table 2 contains the action of individual stabilizers on the viscosity of polycyclopentadiene solutions. The authors arrived at the following conclusions: The most efficient catalysts of CPD polymerization are complexes of boron trifluoride with organic substances (alcohols, ethers, and esters). At increased concentrations of the catalyst polycyclopentadiene is densified by the remaining double bonds. There are 3 figures, 2 tables, and 9 references, 5 of which are Soviet.

ASSOCIATION: Khar'kovskiy politekhnicheskii institut; Kafedra tekhnologii lakov i krasok (Khar'kov Polytechnic Institute, Chair of the Technology of Varnishes and Dyes)

Card 2/3

S/080/62/035/010/012/012
D204/D307

AUTHOR: Chernobay, A.V.

TITLE: The reaction of cyclopentadiene polymers with vegetable oils

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 10, 1962, 2346-2347

TEXT: The thermal combination of the above compounds under CO_2 was studied, in an effort to improve the elastic properties of polycyclopentadiene films and make the latter suitable for use as a base in lacquers, using polymer solutions in benzene or xylol, and tung, dehydrated castor, and linseed oils. Full solution was only observed with the latter oil, the optimum temperatures of interaction being 260 - 280°C. The product may contain 30 - 35% of the polymer; contents > 40% give rise to insoluble, three-dimensional products. The products containing 10 - 30% polymer were tested for (a) rate of film formation by drying, (b) hardness, and (c) water resistance. It was found that the films formed faster and were

Card 1/2

The reaction of cyclopentadiene ...

S/080/62/035/010/012/012
D204/D307

stronger and more water resisting when the polymer contents were higher (optimum 30%); the water resistance was also higher for films dried at elevated temperatures. The interaction is believed to proceed by an addition of the polymers to the conjugated double bonds of the fatty acid radicals, by a diene synthesis mechanism. There are 2 tables.

SUBMITTED: June 15, 1961

Card 2/2

ACCESSION NR: AP4033127

S/0120/64/000/002/0120/0121

AUTHOR: Chernobay, A. V.; Kolesnikov, L. N.

TITLE: Stanniferous plastic scintillators

SOURCE: Pribery* i tekhnika eksperimenta, no. 2, 1964, 120-121

TOPIC TAGS: scintillator, plastic scintillator, stanniferous plastic scintillator, dosimetry, gamma dosimetry

ABSTRACT: An experimental investigation of air-equivalent plastic scintillators, for gamma dosimetry purposes, in which tin is used as a compensator is reported. A solution of up to 20% tetraphenyltin in bidistilled polystyrene with an addition of 2% terphenyl and 0.06% POPOP was tested as a scintillator material. Benzoyl peroxide and azoiso-butyric-acid dinitryl were used for initiating polymerization. The light yield was measured by the photo current upon exciting the scintillator by gamma rays from ^{60}Co . The detector of a gamma dosimeter

Card 1/2

ACCESSION NR: AP4033127

containing 2.5% (by weight) tetraphenyltin may be considered . . air-equivalent
for energies over 60 kev. Orig. art. has: 1 table.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov
(All-Union Scientific-Research Institute of Single Crystals)

SUBMITTED: 18May63

DATE ACQ: 11May64

ENCL: 00

SUB CODE: PH, NS

NO REF SOV: 003

OTHER: 004

Card. 2/2

ACCESSION NR: AP4039951

S/0191/64/000/006/0056/0059

AUTHOR: Chernobay, A. V.; Shepeleva, A. I.

TITLE: Spectrophotometric analysis of acenaphthylene copolymers

SOURCE: Plasticheskiye massy*, no. 6, 1964, 56-59

TOPIC TAGS: acenaphthylene, acenaphthylene styrene copolymer, acenaphthylene methylmethacrylate copolymer, spectrophotometric analysis

ABSTRACT: This relates to an investigation into the possibility of spectrophotometrically analysing acenaphthylene copolymers with styrene or methylmethacrylate. Copolymerization was conducted in heat resistant ampoules under nitrogen atmosphere, using 0.1% benzoyl peroxide. Dioxane solutions were used for the analyses on spectrophotometer SF-4. The spectra of the monomers, the corresponding polymers, and the copolymers are included. The composition of the copolymers from the adsorption spectra was calculated by the formula for binary mixtures of components in solution:

$$S = \frac{k - k_2}{k_1 - k_2} \cdot 100$$

where S is the content of the determined component.

Card 1/2

ACCESSION NR: AP4039951

in the copolymer composition, k , k_1 and k_2 are the specific absorption coefficients of the copolymer and its components. A comparison of the calculated composition with the composition of the initial mixture of monomers gave satisfactory results. The spectra showed that low molecular fractions enriched in styrene or methylmethacrylate are formed during high degrees of monomer conversions. Orig. art. has: 5 figures, 2 tables and 2 equations.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: 0C

NO REF SOV: 007

OTHER: 006

Card 2/2

BEZUGLYY, V.D.; ALEKSEYEVA, T.A.; DMITRIYEVSKAYA, L.I.; CHERNOBAY, A.V.;
KRUGLYAK, L.P.

Application of the polarographic method for studying the
kinetics of polymerization of 4-vinylbiphenyl and its
derivatives and their copolymerization with styrene.
Vysokom. soed. 6 no.1:125-130 Ja'64. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov.

CHEFNOBAY, A.V.; KOLESNIKOV, L.N.

Scintillators from tin-containing plastics. Prib. i tekhn.
eksp. 9 no.2:120-121 Mr-Ap'64. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov.

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CHERNOBAY, A.V.; DMITRIYEVSKAYA, L.I.; TIRAK'YANTS, Zh.S.; DELYATITSKAYA, R.Ya.

Structure and reactivity of monomers of the 4-vinylbiphenyl series
in the initiation of polymerization. Vysokom.soed. 7 no.7:1221-1227
Jl '65. (MIRA 18:8)

1. Nauchno-issledovatel'skiy institut monokristallov.

L 1793-66 EWT(m)/EPF(c)/EWP(j)/T/EWA(h)/EWA(l) RM

ACCESSION NR: AP5024401

UR/0286/65/000/015/0081/0081

678.71/74

621.039

44.55 44.55 44.55 42
AUTHOR: Chernobay, A. V.; Gunder, O. A.; Kolesnikov, L. N. B

TITLE: Preparation of plastic scintillators Class 39, No. 173409 15

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 81

TOPIC TAGS: scintillator, plastic scintillator, luminiscence

ABSTRACT: An Author Certificate has been issued for a preparative method for plastic scintillators with an increased average effective atomic number by thermal bulk polymerization of vinylaromatic monomers in the presence of phosphors and organic compounds. To increase the luminiscence yield of the scintillators, p-dibromobenzene, hexachlorobenzene or fluorostyrene are used as the organic compounds. [B0]

ASSOCIATION: Vsesoyuznyy nauchno issledovatel'skiy institut monokristallov (All-Union Scientific Research Institute of Single Crystals)

44.55
Card 1/1

L 1793-86

ACCESSION NR: AP5024401

SUBMITTED: 06Mar64

ENCL: 00

SUB CODE: *0* OP, MT

NO REF SOV: 000

OTHER: 000

ATD PRESS: *4112*

mlb
Card 2/2

L 41223-66 ENT(m)/T/ENP(j) IJP(c) RM
ACC NR: AP6019536 (A) SOURCE CODE: UR/0190766/008/006/0997/1002

AUTHORS: Chernobay, A. V.; Tirak'yants, Zh. S.; Delyatitskaya, R. Ya.

ORG: All-Union Scientific Research Institute of Single Crystals
(Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov)

TITLE: Structure and reactivity of some vinyl aromatic monomers in initiated polymerization

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no.6, 1966, 997-1002

TOPIC TAGS: monomer, polymerization initiator, polystyrene, copolymerization, homopolymerization

ABSTRACT: The relation between structure and reactivity of some vinyl aromatic monomers in initiated polymerization has been investigated. The monomers are arranged by their activeness in homopolymerization as follows: 9-vinylnanthracene < acenaphthalene < vinyl naphthalene, styrene < 2-vinylnaphthalene < 2-vinylfluorene < 4-vinyldiphenyl. The copolymerization constants of styrene with 9-vinylnanthracene have been determined to be $r_1 = 0.3$ and $r_2 = 2.2$, $q = 2.0$ and $e = -0.16$. It has been

Card 1/2

UDC: 66.095.26 + 678.746

L 41223-66
ACC NR: AP6019536

found that an increase in the linking index and monomer activity in respect to the polystyrene radical is followed by an increase of the overall homopolymerization rate. Some exceptions occur with steric hindrances, which are less important in homopolymerization than in copolymerization. Orig. art. has: 3 figures and 1 table. [Based on authors' abstract] [NT]

SUB CODE: 07/ SUBM DATE: 26May65/ ORIG REF: 010/ OTH REF: 007/

Card 2/2

CHERNOBAY, D.G.

Automatic sampler for assaying pulp flowing in ducts up to 2200 mm.
TSvet.met.29 no.2:84-87 F '56. (MIRA 9:6)
(Ores--Sampling and estimation)

BORODAYEV, Dmitriy Aleksandrovich; CHERNOBAY, D.G., inzh., retsenzent;
DUGINA, N.A., tekhn.red.

[Technical means for automation in the machinery industry]
Tekhnicheskie sredstva avtomatizatsii mashinostroitel'nogo
proizvodstva. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1961. 125 p. (MIRA 15:2)
(Automation) (Machinery industry)

CHERNOBAY, D.G.; KOVALEV, F.Ya., kand. tekhn. nauk, retsenzent;
DELYUKIN, L.N., inzh., red.; YELISEYEV, M.S., red.izd-va;
SMIRNOVA, G.V., tekhn. red.

[Electric control of the equipment in machinery plants]
Elektroavtomatika oborudovaniia mashinostroitel'nykh zavodov. Moskva, Mashgiz, 1963. 205 p. (MIRA 16:10)
(Machinery industry) (Electric controllers)
(Electronic control)

- [illegible]

L 04303-67 EWT(1)/T-2 FDN/VW

ACC NR: AP6005388

(N)

SOURCE CODE: UR/0413/66/000/001/0139/0139

AUTHORS: Reka, Ya. D.; Khudyakov, Ye. D.; Chernobay, I. F.; Fenkel'shteyn, L. A.; Kultygin, N. S.; Lavrenyuk, N. A.

ORG: none

54
B

TITLE: A pneumatic drive direct-action pump pressure booster. Class 59, No. 177772
[announced by Donets State Design-Construction and Experimental Institute of the
Complex Mechanization of Mines (Donetskiy gosudarstvennyy proyektno-konstruktorskiy
i eksperimental'nyy institut kompleksnoy mekhanizatsii shakht)]

SOURCE: Izobreteniya, promyshlennyye obrashtsy, tovarnyye znaki, no. 1, 1966, 139

TOPIC TAGS: water pump, high pressure pump, high pressure pneumatic device,
hydraulic pressure amplifier

ABSTRACT: This Author Certificate presents a pneumatic drive direct-action double
acting pump pressure booster. The device includes a pneumatic cylinder with a
piston, two operating cylinders with pistons rigidly connected with the piston of
the pneumatic cylinder, and a distributing valve which is repositioned with the aid
of checking devices when the piston approaches the extreme piston (see Fig. 1).
The design increases the lifetime of the pump. The piston of the pneumatic cylinder
is equipped at its ends with blades for rotating the piston to a specified angle

Card 1/2

UDC: 621.651.002.54

L 04303-67

ACC NR: AP6005388

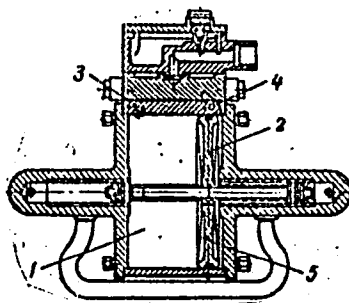


Fig. 1. 1 - pneumatic cylinder; 2 - piston; 3 and 4 - checking devices; 5 - blades

with each stroke. Orig. art. has: 1 figure.

SUB CODE: 13/

SUBM DATE: 18Jan64

Card 2/2 *gl*

KIBAL'CHICH, P.N.; NIKONOV, G.K.; CHERNOBAY, N.Kh.; IVASHIN, D.S.

Cultivation of *Ammi majus* L. as a source for obtaining furocoumarins.
Med. prom. SSSR 14 no.12:23-26 D '60. (MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy.
(FUROCOUMARIN) (AMMI MAJUS)

CHERNOBAY, N.N., meditsinskaya sestra

Work practice of nurses in a medical sector. Med.sestra 16 no.5:
22-24 My '57. (MLRA 10:7)

1. Iz gorodskoy bol'nitsy No.34, Moskva
(NURSES AND NURSING)

CHERNOBAY, S. G., arkhitektor

New type of electrolysis department of an aluminum plant.
Prem stroi 41 no. 12:22-25 D '63. (MIRA 17:5)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut promyshlennyykh zdaniy i sooruzheniy.

BURGMAN, V.V., doktor tekhn.nauk; CHERNOBAY, S.G., arkhitektor

Industrial enterprises with an open or semi-open distribution of equipment. Prom stroi. 39 no.6:19-23 '61. (MIRA 14:7)

1. Tsentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut promyshlennykh zdaniy i sooruzheniy.

(Factories—Design and construction)

YUKHNOVSKIY, G.L.; CHERNOBAY, A.V.

Thermal copolymers of cyclopentadiene with vegetable oils.
Lakokras. mat. i ikh prim. no.6:20-22 '61. (MIRA 15:3)

1. Khar'kovskiy politekhnicheskiy institut.
(Cyclopentadiene) (Polymers)

CHERNOBAY, V.A.

Case of left-sided primary chronic appendicitis. Nov. khir. arkh.
no.12:83-84 D '61. (MIRA 14:12)

1. Khirurgicheskoye otdeleniye (zav. - V.A.Chornobay) Smelyanskoy
rayonnoy bol'nitsy, Cherkasskoy oblasti.
(APPENDICITIS)

L 19048-65

ACCESSION NR: AP5001155

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MARKOV, G.S.; IVANOV, V.P.; NIKULIN, V.P.; CHERNOBAY, V.F.

Helminths of reptiles of the Volga Delta and the Caspian steppes.
Trudy Astr. zap. no.6:145-172 '62. (MIRA 16:7)

(Caspian Sea region--Worms, Intestinal and parasitic)
(Caspian Sea region--Parasites--Reptiles)

MARKOV, G.S.; IVANOV, V.P.; KRYUCHKOV, B.P.; LUK'YANOVA, Zh.F.;
NIKULIN, V.P.; CHERNOBAY, V.F.

Protozoans and ticks parasitizing on reptiles on the Caspian Sea
region. Uch. zap. Volg. gos. ped. inst. no.16:106-110 '64.

(MIRA 19:1)

1. Kafedra zoologii Volgogradskogo gosudarstvennogo pedagogi-
cheskogo instituta.

CHERNOBAY, V. S.

USSR/Miscellaneous - Tractor industry

Card 1/1 : Pub. 12 - 1/15

Authors : Chernobay, V. S.

Title : Economical improvements at the Kharkov Tractor Factory

Periodical : Avt. trakt. prom. 2, 1-3, Feb 1954

Abstract : Measures adopted by the Special Committee of the Kharkov Tractor Factory, in improving the economical factors (labor output, reduction of materials, wastes, etc.) of the plant, are discussed.

Institution : The Kharkov Tractor Factory, Kharkov

Submitted :

CHERNORAY, V.T., aspirant

Cardiac glycosides of *Lomphocarpus fruticosus*. Seed glycosides.
Report no.1. Med.prom. 11 no.1:38-39 Ja '57. (MLRA 10:2)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut.
(CARDIAC GLYCOSIDES)

CHERNOBAY, V.T.; KOLESNIKOV, D.G.

Cardiac glycosides from *Lonchocarpus fruticosus*; leaf glycosides.
Report No.2. V.T. Chernobai, D.G. Kolesnikov. Med. prom. 11 no.3:29-31
Mr '57 (MLRA 10:4)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut.
(CARDIAC GLYCOSIDES)

CHERNOBAY, V. T., Cand Pharm Sci -- (diss) "Preparation and chemical
study of the cardiac glycosides of Gomphocarpus fruticosus (L.) R. Br."
Khar'kov, 1958. 9 pp (Min of Health USSR, Mos Pharmaceutical Inst,
Khar'kov Sci Res Chem-Pharm^{aceutical} Inst), 130 copies (KL, 15-58, 119)

- 90 -

GORYACHEVA, N.S., CHERNOBAY, V.T., PINYAZHKO, I.P., LU YUY-KHUA,

Disertations. Med.prom 12 no.9:62-63 S'58
(DRUGS)

(MIRA 11:10)

KOLESNIKOV, D.G.; CHERNOBAY, V.T.; PROKOPENKO, A.P.; BOZHKO, N.G.;
SKORKIN, L.V.

The alkaloid reserpine from the roots of Rauwolfia serpentina
Benth. Med.prom. 13 no.4:40-43 Ap '59. (MIRA 12:6)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevti-
cheskiy institut.

(RESERPINE)

CHERNOBAY, V.T.; KOLESNIKOV, D.G.

Coumarines of *Seseli campestre* Bess. Ukr.khim.zhur. 25 no.1:111-113
'59. (MIRA 12:4)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut.
(Coumarine)

5(3), 17(12)

AUTHORS:

Chernobay, V. T., Kolesnikov, D. G.

SOV/20-127-3-30/71

TITLE:

Olitorin, a New Cardiant Glycoside of Corchorus Olitorius L.

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 3, pp 586-588 (USSR)

ABSTRACT:

The underbush mentioned in the title grows wild in tropical countries and is cultivated in the USSR to a large extent as a plant for technical fibres (Ref 1). After a survey of publications on substances acting upon the heart (Refs 1-8), the authors give the results of isolating corchorus. Its aglucone - strophanthidin and its ~~sugar~~ ^{the} bovinosis, have properties which correspond to published data. The non-fermented seeds mainly occur in two glycosides soluble in water. In the paper chromatogram they were denoted as "Ye" and "D" patches; smaller amounts of substances were found which were denoted as patches "S" (Corchorosid A) and "V" (Strophanthidin). They apparently develop by the hydrolysis of glycosides soluble in water during the treatment of the extract (Fig 1). The authors suggest a formula (I) for the sugar part of olitorin, and arrived at the following conclusions:

Card 1/2

Olitorin, a New Cardiant Glycoside of
Corchorus Olitorius L.

SOV/20-127-3-30/71

1. the new cardiant glycoside isolated from the mentioned species of corchorus, is a strophanthidol bovinoside. It is called olitorin. 2. the main glycosides of the mentioned corchorus are: olitorisid, olitorin and corchorosid A, while the aglucones are : strophanthidin and strophanthidol. There are 1 table and 8 references, 3 of which are Soviet.

ASSOCIATION: Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut (Khar'kov Scientific Research Institute for Chemical Pharmacy)

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Card 2/2

CHERNOBAY, V.T.; KOLEBNIKOV, D.G.

Cardiac glycosides from the seeds of *Corchorus olitorus* L. Med.
prom. 14 no.1:18-22 Ja '60. (MIRA 13:5)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut.

(CARDIAC GLYCOSIDES)

CHERNORAY, V.T.; KOLEBNIKOV, D.G.

Coumarins of Onidium dubium (Schkuhr.) Thell. Dokl. AN SSSR
133 no.1:233-235 J1 '60. (MIRA 13:7)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevti-
cheskiy institut. Predstavleno akademikom A.I. Oparinym.
(COUMARIN) (ONIDIUM)

KOMISSARENKO, N.F.; ~~CHERNOBAY, V.T.~~; KOLESNIKOV, D.G.

Cardiac glycosides of *Convallaria keiskei* Mig. Med. prom. 15 no.1:
12-16 Ja '61. (MIRA 14:1)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut.

(CARDIAC GLYCOSIDES)

KOMISSARENKO, N.F.; ZOZ, I.G.; CHERNOBAY, V.T.; KOLESNIKOV, D.G.

Coumarins of cow parsnip fruits and their taxonomy. Biokhimiia
26 no.6:980-983 N-D '61. (MIRA 15:6)

1. Research Chemo-Pharmaceutic Institute, Kharkov.
(COUMARIN)
(COW PARSNIP)

KOLESNIKOV, D.G.; PROKOPENKO, A.P.; CHERNOBAY, V.T.; DADALI, V.A.

Production of Raunatin preparation from Rauwolfia serpentina roots.
Med. prom. 15 no.12:25-27 D '61. (MIRA 15:2)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut.

(RAUWOLFIA)

KOLESNIKOV, D.G.; KOMISSARENKO, N.F.; CHERNOBAY, V.T.

Coumarins from *Heracleum sibiricum* L. Med. prom. 15 no.6:32-35
Je '61. (MIRA 15:3)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmat-
sevticheskiy institut.
(COUMARIN) (PARSNIPS)

KOLESNIKOV, D.G.; PROKOPENKO, A.P.; CHEKNOBAY, V.T.

Obtaining of ajmaline from the roots of Rauwolfia serpentina
Benth. Med. promyshl. SSSR. 17 no.8:30-32 Ag'63 (MIRA 17:2)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut.

CHERNOBAY, V.T.

Partial synthesis of heart glycosides. Convallatoxin and
convallatoxol. Zhur. ob. khim. 34 no. 3:1018-1020 Mr '64.
(MIRA 17:6)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut.

KOMISARENKO, N.F.; CHERNOBAY, V.T.; KOLESNIKOV, D.G.

Cardiac glycoside from *Convallaria keiskei* Miq. Report No.3:
7-9 S'63. Med prom. 17 no.9: (MIRA 17:5)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko farmatsevticheskiy
institut.

CHERNOBAY, V.T.

Partial synthesis of cardial glycosides. 3,19-strophanthidol-L-diramnoside. Zhur.ob.khim.34 no. 5:1690-1691 Ky '64.
(MIRA 17:7)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatseticheskiy institut.

CHERNOBAY, V.T.

Partial synthesis of cordial glycosides. Zhur. ob. khim. 34
no.11:3852 N '64 (MIRA 18:1)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut.

KHVOROST, P.F.; CHEINOBAY, V.T.; KOLESNIKOV, D.G.

Flavono^{id} compounds of the ordinary tansy (*Tanacetum Vulgare* L 1).
Zhur. ob. khim. 34 no.12:4108-4111 D '64 (MIRA 18:1)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevti-
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KOMISSARENKO, N.F.; CHERNOBAY, V.T.

Synthesis of glycosides of the furocoumarin Psoralen-(8)-O- α -I-
rhamnopyranoside. Zhur. ob. khim. 34 no.12:4126-4127 D '64
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KOMISSARENKO, N.F.; CHERNOBAY, V.T.; KOLESNIKOV, D.G.

Keioside, a new flavonoglycoside of the lily-of-the-valley
(Convallaria keiskei Miq.). Dokl. AN SSSR 158 no.4:904-906
O '64. (MIRA 17:11)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevti-
cheskiy institut. Predstavleno akademikom M.M. Shemyakinym.

CHERNOBAY, V.T.

Partial synthesis of corotoxygenin(3)- β -D-glycoside.

Khim.prirod.soed. no.4:229-233 '65.

(MIRA 19:1)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut. Submitted March 19, 1965.

KOVALEV, I.P.; TITOV, Ye.V.; CHERNOBAY, V.T.; KOMISSARENKO, N.F.

Infrared spectra of glucosides of the strophanthidin series.
Ukr.khim.zhur. 31 no.5:513-516 '65.

(MIRA 18:12)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut. Submitted Dec. 6, 1963.

ALEKSANDROV, V.I.; CHERNOBAYEV, B.P. ERENBURG, A.A.; BUBYAKIN, A.A.

AT-2M fertilizer spreaders with one regulator. Trakt. 1 sel'khozmasb.
no.11:32-35 N '58. (MIRA 11:11)

1. Ryazanskiy zavod sel'skokhozyaystvennogo mashinostroyeniya.
(Fertilizer spreaders)

CHERNOBAYEV, B.P., inzh.

The KON-2,8PM cultivator-ridger. Trakt. i sel'khoz mash. 32
no.10:39-40 0 '62. (MIRA 15:9)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro
Ryazanskogo soveta narodnogo khozyaystva.
(Agricultural machinery) (Cultivators)